

Application No. 10/772,248
Docket No. 87215.2181

PATENT
Customer No. 30734

LISTING OF THE CLAIMS

A complete listing of the claims is provided below. This listing of claims will replace all prior versions and listings of claims in the application.

1. (Cancelled).
2. (Currently Amended) The oscillation generating device according to Claim ~~1~~ 14, wherein the unbalance shafts of the first unbalance shaft pair are aligned pairwise with the unbalance shafts of the second unbalance shaft pair.
3. (Cancelled).
4. (Cancelled)
5. (Currently Amended) The oscillation generating device according to Claim ~~3~~ 14 wherein the unbalance shafts are located in one plane.
6. (Currently Amended) The oscillation generating device according to Claim ~~3~~ 14, wherein the unbalance shafts are arranged spatially offset relative to each other.
7. (Currently Amended) The oscillation generating device according to Claim 14 wherein each unbalance shaft pair comprises an unbalance shaft with changeable phase position.
8. (Cancelled).
9. (Cancelled).

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10. (Currently Amended) The oscillation generating device according to Claim 8 ~~14~~, further comprising a device ~~is present~~ for independent phase adjustment.

11. (Cancelled).

12. (Cancelled)

13. (Currently Amended) The oscillation generating device according to Claim ~~12~~ 14, wherein all unbalance shafts are coupled so that they rotate in unison.

14. (Currently Amended) ~~The oscillation generating device according to Claim 12, An~~
oscillation generating device for use in a soil compacter, comprising a first unbalance shaft pair
and a tipping moment compensation device wherein a second unbalance shaft pair is arranged
adjacent to the first unbalance shaft pair as a the tipping moment compensation device wherein
the unbalance shaft pairs rotate in opposite directions, and diagonally opposite unbalance shafts
rotate in the same direction, wherein the unbalance shafts of the first unbalance shaft pair are
offset in crossed symmetry, and in an axially parallel manner, relative to the unbalance shafts of
the second unbalance shaft pair and wherein the spacings of the diagonally opposite unbalance
shafts are different,

wherein the diagonal unbalance shafts are coupled so that they rotate in unison and
wherein the coupling rotating in unison includes a transmission with two crown gears, and spur
gears on the unbalance shafts and meshing with them.

15. (Previously Presented) The oscillation generating device according to Claim 14,
wherein the transmission is operatively connected to a single drive.